

L1 ANSWER 4 OF 4 · CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:656588 CAPLUS
 DOCUMENT NUMBER: 119:256588
 TITLE: Antibacterial complex of chitosan and cellulose fibers for diaper or other hygiene products
 INVENTOR(S): Suzuki, Migaku
 PATENT ASSIGNEE(S): Nippon Kyushutai Gijutsu Kenky, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
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 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05228176	A	19930907	JP 1992-35402	19920221
JP 3018304	B2	20000313		

PRIORITY APPLN. INFO.: JP 1992-35402 19920221
 TI Antibacterial complex of chitosan and cellulose fibers for diaper or other hygiene products
 AB Antibacterial and biodegradable complex of chitosan and cellulose fibers is used for preparing hygiene products (diapers, sanitary napkins, etc.) to prevent bacterial growth (or diaper rash), as well as to reduce environmental pollution. The antibacterial activity of chitosan and Chitopoly was examined. Chitosan-containing nonwoven fabric was prepared from alkali cellulose, cellulose xanthate, chitosan, etc. Flow charts for the preparation of chitosan-containing rayon and nonwoven fabrics were presented.
 ST antibacterial cellulose chitosan fiber complex diaper
 IT Rayon, uses
 RL: USES (Uses)
 (chitosan-containing, for antibacterial and biodegradable diaper or other hygiene products)
 IT Absorbents
 (biodegradable, chitosan and cellulose composite fiber for)
 IT Synthetic fibers, polymeric
 RL: BIOL (Biological study)
 (chitosan, antibacterial and biodegradable diaper or other hygiene products containing)
 IT Diapers
 (disposable, antibacterial and biodegradable complexes of chitosan and cellulose fibers for)
 IT Medical goods
 (sanitary napkins, antibacterial and biodegradable complexes of chitosan and cellulose fibers for)
 IT 9012-76-4, Chitosan
 RL: BIOL (Biological study)
 (cellulosic fibers containing antibacterial properties of, diapers and hygienic products manufacture with)
 IT 9004-34-6, Cellulose, biological studies 9032-37-5, Cellulose xanthate
 9081-58-7, Alkali cellulose
 RL: BIOL (Biological study)
 (composite fibers, with chitosan, antibacterial properties of, diapers and hygienic products manufacture with)
 IT 9004-34-6
 RL: BIOL (Biological study)

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L1 4 SEA ABB=ON PLU=ON (DIAPER OR SANITARY NAPKIN OR TRAINING
PANT) (P) RASH AND CHITOSAN
D L1 IBIB KWIC 1-

L2 2 SEA ABB=ON PLU=ON (DIAPER OR SANITARY NAPKIN OR TRAINING
PANT) (P) DERMATITIS AND CHITOSAN
D L2 IBIB KWIC 1-

L3 102 SEA ABB=ON PLU=ON (DIAPER OR SANITARY NAPKIN OR TRAINING
PANT) AND CHITOSAN

L4 45 SEA ABB=ON PLU=ON (DIAPER OR SANITARY NAPKIN OR TRAINING
PANT) (P) CHITOSAN

L5 41 SEA ABB=ON PLU=ON L4 NOT L1

L6 40 SEA ABB=ON PLU=ON L5 NOT L2
D L6 IBIB KWIC 30-40

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